

## Anti human RAR gamma mouse monoclonal antibody

RAR gamma: Retinoic Acid Receptor gamma

**Code No** PP-H5620-00

**Clone No.** H5620

**Lot.** A-1

**Concentration** 1 mg/mL

**Volume** 100 uL

**Ig Class** G2a

**Description** Retinoic acid receptor gamma (RARγ; NR1B3) is closely related to TR. RARs bind to two retinoids, all-trans retinoic acid and 9-cis retinoic acid. RARγ is expressed in both adult and fetal skin. Along with other members of the RAR family, RARγ is redundantly involved in vertebrates in the pleiotropic control of embryonic patterning and organogenesis, cell proliferation, differentiation and apoptosis, as well as homeostatic control.

**Nomenclature** NR1B3

**Genbank** M57707

**Origin** Produced in BALB/c mouse ascites after inoculation with hybridoma of mouse myeloma cells (NS-1) and spleen cells derived from a BALB/c mouse immunized with Baculovirus-expressed recombinant human RAR gamma (2-88 aa) .

**Specificity** This antibody specifically recognizes human RAR gamma but does not recognize RAR alpha and beta. Not yet tested in other species.

**Purification** Ammonium sulfate fractionation

**Formulation** Physiological saline with 0.1% NaN<sub>3</sub> as a preservative.

### Application / Recommended Concentration

In order to obtain the best results, optimal working dilutions should be determined by each individual user.

**Western Blot** 1 ug/mL

**Non reducing Western Blot** Not yet tested

**ELISA** 60 ng/mL (A450=0.5)

**Immunoprecipitation** Decide by use

**Supershift Assay** Not yet tested

**Chromatin immunoprecipitation** Not yet tested

**Immunohistochemistry** Not yet tested

**Storage** Store at 2 - 8 °C up to one month. For long-term storage, the solution may be frozen in working aliquots. Repeated freezing and thawing is not recommended. Storage in a frost-free freezer is not recommended.

### Reference

**Notes** Sodium azide may react with lead and copper plumbing to form explosive metal azides. Flush with large amounts of water during disposal.

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